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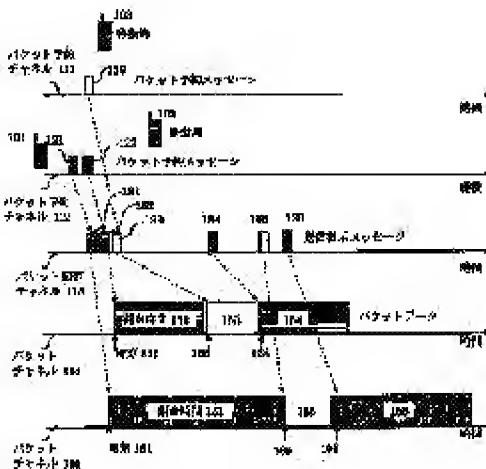
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(54) MOBILE COMMUNICATION SYSTEM AND PACKET DATA TRANSMISSION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a packet data communication service to many more users by effectively utilizing a radio resource in reservation access type packet data communication on a CDMA mobile communication system.

SOLUTION: In a packet data communication method in a CDMA mobile communication system, a traffic channel is time-divided, traffic channel that is time-divided is assigned to a plurality of mobile stations during connection and packet data are sent/received between a base station and mobile stations 101-103 within the assigned time by using the assigned traffic channel. The base station decides priority for each of packet data that are sent/received and the traffic channel faster and longer is assigned to the packet with higher priority. The base station indicates the operating traffic channel and the assigned time to an opposite mobile station for each of the



sent/received packet data.